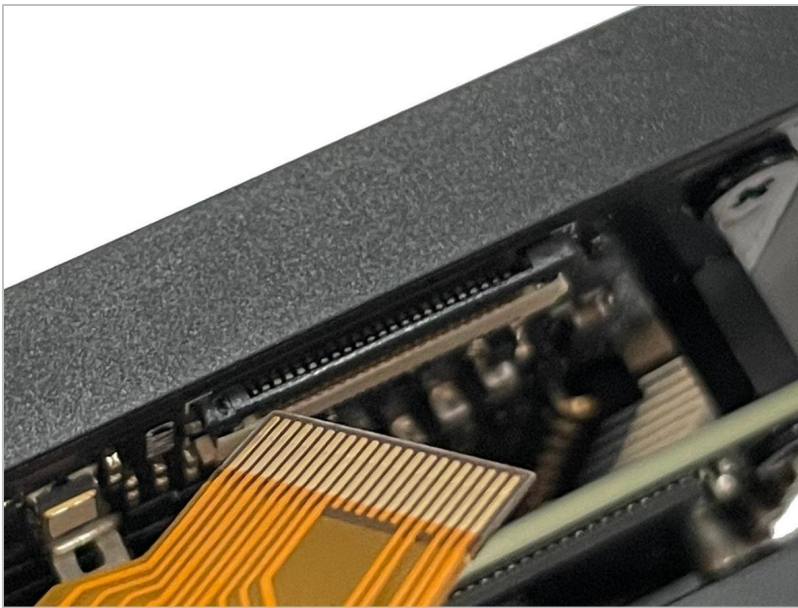
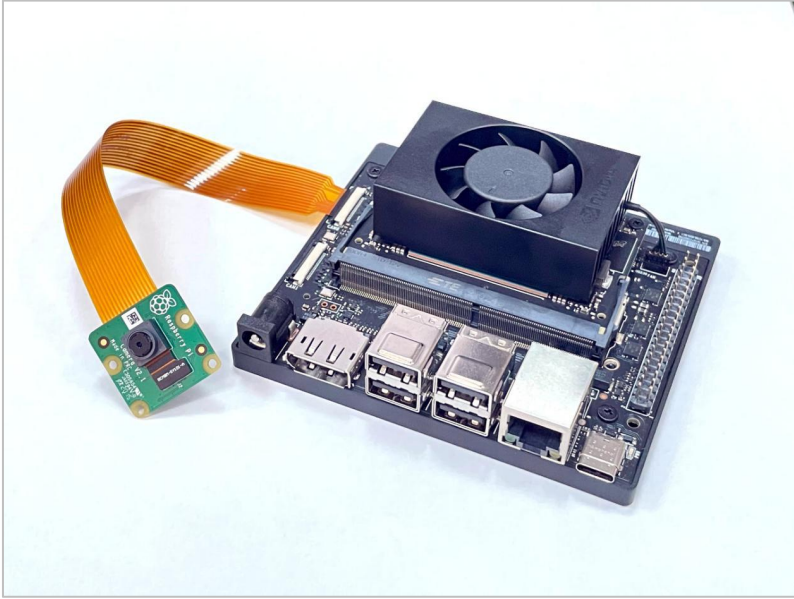


## 1.Connect camera

This tutorial is compatible with **Jetson ORIN NANO official kit and Jetson ORIN NANO SUB kit**. Before testing, use 15pin to 22pin, 0.5mm spacing cables to connect the motherboard and camera. The camera connection diagram is as follows.



The narrower side connects to the Jetson Orin NANO dev kit side, make sure the contacts are on the bottom.

## 2. Software check

2.1 For Nvidia's official CSI camera driver tutorial, please click the link below:

<https://developer.nvidia.com/embedded/learn/jetson-orin-nano-devkit-user-guide/howto.html#csi-camera>

2.2 If you use YAHBOOM system, please use the following command to test the camera

```
cd /home/jetson/GPIO_test
python3 test_camera_csi.py          #Open /dev/video0 by default
```

Note: If you use NVIDIA official system, please transfer the test\_camera\_csi.py program file to the motherboard and use the `python3 test_camera_csi.py` command to test the camera.